

Engineering Statement  
New Albany, IN FM application  
Page 3

**ANSI RADIATION STANDARD COMPLIANCE:**


This proposal has been reviewed for compliance with the ANSI C95.1-1982 standards for human exposure to RF radiation. By reference to FCC OST Bulletin No. 65 of October 1985, Appendix B.

Engineering Statement  
New Albany, IN FM application  
Page 4

**CERTIFICATION:**

I certify that the foregoing statements and engineering exhibits have been prepared by me or under my direction and are true and accurate to the best of my knowledge and belief.

Dated this 13th day of November, 1991.



Clarence E. Henson, P.E.  
Consulting Engineer

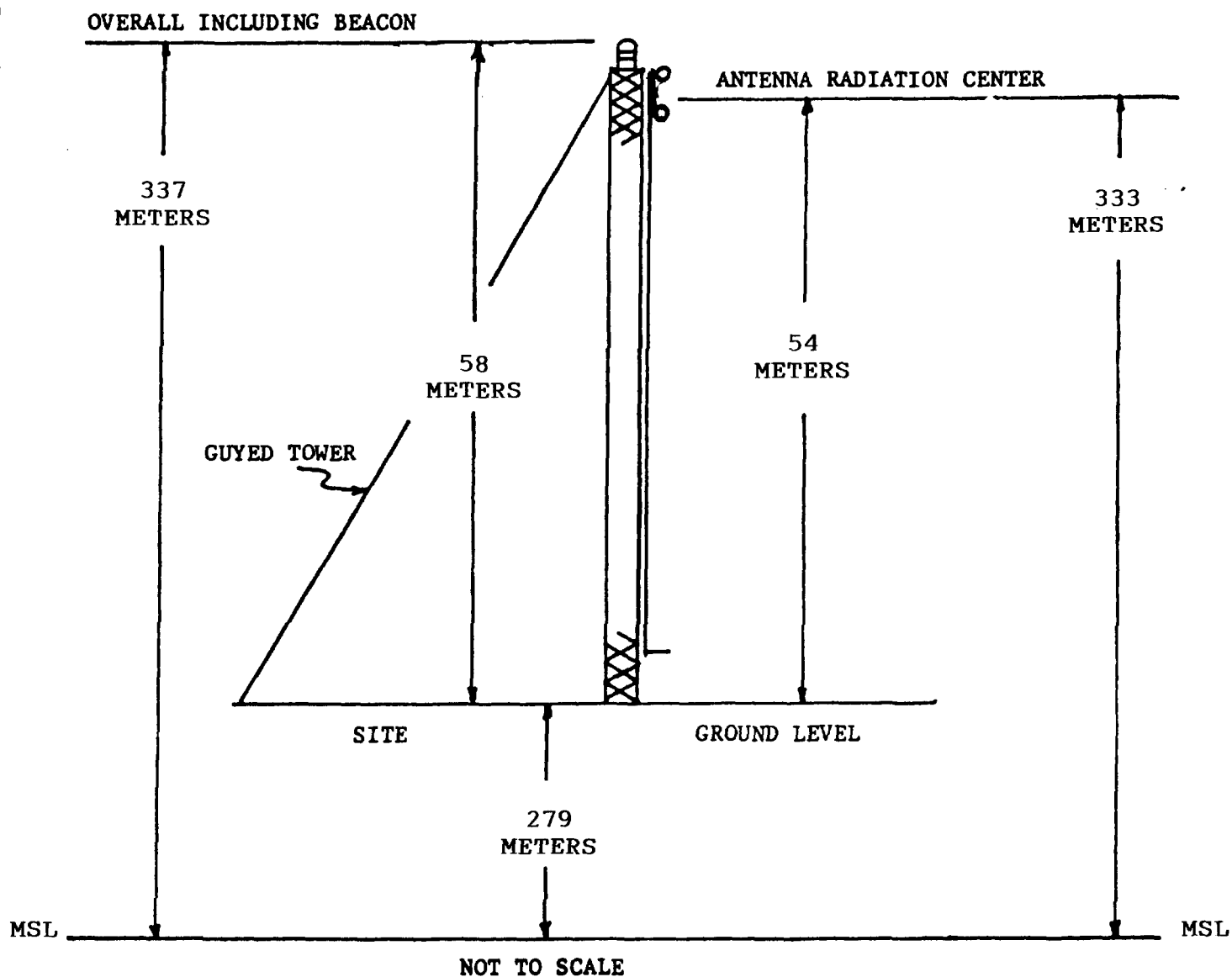


EXHIBIT E-1

SKETCH OF THE SUPPORTING STRUCTURE  
FCC FORM 301, SECTION V-B, QUESTION 8  
RITA REYNA BRENT  
NEW ALBANY, INDIANA

NOVEMBER, 1991

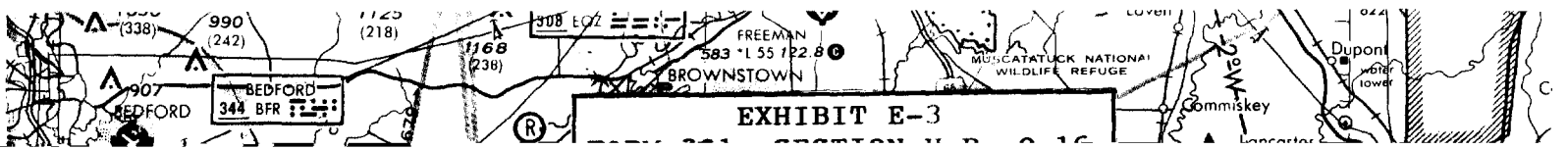


EXHIBIT E-3

EXHIBIT E-4  
FORM 301, V-B, Q.16  
RITA REYNA BRENT  
NEW ALBANY, IN

LOUISVILLE, KY

November 10, 1991

FM Spacing study

Title: Brent  
Channel 234A0 ( 94.7 MHz)  
Database: DW 11/06/91

Latitude: 38-17-30  
Longitude: 85-54-19  
Safety zone: 30 km

Call	Auth Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License	St FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
RM	RULE MAKING PETITION	231A		38-37-09	291.7	100.1	27
LOOGOOTE	IN RM-6532	94.1		86-58-27	111.0	73.13	CLEAR
COUNTERPROPOSAL TO DOC-88-315							
RM	CLASS CHANGE FROM A REQU	232C2		37-52-00	211.4	55.26	55
HARDINSBURG	KY RM-6532	94.3		86-14-00	31.2	.262	CLOSE
COUNTERPROPOSAL TO DOC-88-315							
WLAP-FM LIC	TRUMPER COMM OF KY LTD P	233C1	100	38-07-25	97.9	129.2	129
LEXINGTON	KY BLH-830906AA	94.5	195	84-26-45	278.8	.181	CLOSE
twork: US1; Affiliated with WLAP(AM)							
ALLOC		234A		38-18-48	12.5	2.462	105
NEW ALBANY	IN DOC-88-457	94.7		85-53-57	192.5	-103	SHORT
SITE RESTRICTION 4.7 MI W; Granted effective 10/15/91, adopted 08/15/91, released 08/29/91; Filing window 10/16-11/15/91							
ALLOC	SITE RESTRICTION 1.5 MI	234A		37-47-21	239.7	109.9	105
PHILPOT	KY DOC-88-126	94.7		86-59-02	59.1	4.894	CLOSE
COORDINATES ASSUMED; Granted effective 06/01/90, adopted 03/20/90, released 04/17/90; Filing window 06/04-07/05/90 **CLOSED**							
NEW	APP BLUEGRASS ON THE AIR. IN	234A	3	37-42-04	235.6	115.3	105

ELECTRONIC LABORATORIES, INC.  
LOUISVILLE, KY

Page 2  
November 10, 1991

FM Spacing study

Title: Brent  
Channel 234A0 ( 94.7 MHz)

Latitude: 38-17-30  
Longitude: 85-54-19

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License	St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
WVNI	CP	BROWN COUNTY BROADCASTER	236A	1.60	39-13-39	337.0	113.0	27
NASHVILLE		IN BPH-891011ML	95.1	194	86-25-05	156.7	86.04	CLEAR
CP Granted 06/13/91 per FCC release #21141 dated 06/20/91;								
Call Granted 08/09/91 per FCC release #164 dated 08/09/91								
WUME-FM LIC	INDIANA	PATOKA DEVELOPME	237A	3	38-32-25	299.2	57.15	27
PAOLI		IN BLH-5483	95.3	91	86-28-42	118.8	30.15	CLEAR
Affiliated with WSEZ(AM)								
RM		RULE MAKING PETITION	287A		38-37-12	19.8	38.76	8
9	MTTSBURG	IN RM-1856	105.3		85-45-15	199.9	30.76	CLEAR
COUNTERPROPOSAL TO DOC-88-315; released 08/16/91								
WASE	LIC	W & B BROADCASTING INCOR	288A	3	37-51-06	184.2	48.97	8
FORT KNOX		KY BLH-7402	105.5	91	85-56-45	4.1	40.97	CLEAR
Network: US2; Was WSAC-FM 01/18/88; Affiliated with WBUL(AM)								

>> End of channel 234A0 study <<

Channel 234A0 ( 94.7 MHz)  
Database: FCC 09/24/91

Longitude: 85-54-19  
Safety zone: 30 km

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License		St	FCC File no.	Freq	EAH-m	Longitude	-from	(km) (km)

PRM	ADD	Christian R. Caggians	231A			37-59-20	160.8	35.59 27
Brooks		KY RM-6461	94.1			85-46-18	340.9	8.590 CLOSE

SITE RESTRICTED 9.7 KM-ALTERNATE CHANNEL

PRM	ADD	H.I.C. Broadcasting, Inc	232C2			37-52-00	211.4	55.26 55
Hardinsburg		KY RM-6532	94.3			86-14-00	31.2	.262 CLOSE

COUNTERPROPOSAL TO HAWESVILLE, KY

PRM	ADD	Dubois County Broadcasti	233A			39-02-19	316.1	115.9 64
Bloomfield		IN	94.5			86-50-08	135.5	51.89 CLEAR

Site Restricted 9.3 km East Counterpropoosal

AP-FM LIC		Trumper Communs. of KY/L	233C1	100		38-07-25	97.9	129.2 129
Lexington		KY BLH-830906AA	94.5	195		84-26-45	278.8	.181 CLOSE

ALLOC			233C1			38-07-25	97.9	129.2 129
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Lexington		KY	94.5			84-26-45	278.8	.181 CLOSE
Coordinates updated from LIC record			BLH830906AA					

ALLOC			234A			38-18-48	12.5	2.462 105
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New Albany		IN DOC-88-457	94.7			85-53-57	192.5	-103 SHORT
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Site Restricted-Effective 10-15-91; Filing window 10/16-11/15/91

PRM	ADD	Harold Wayne Newton	234A			37-54-12	240.1	85.98 105
Hawesville		KY RM-6308	94.7			86-45-12	59.5	-19.0 SHORT

.1

NEW	APC	Scott County Communicati	234A	3		37-42-13	234.6	112.1 105
Philpot		KY BPH-900706MI	94.7	100		86-56-35	54.0	7.115 CLOSE

Cut-off 01/14/91

ALLOC			234A			37-43-03	235.7	112.4 105
Philpot		KY	94.7			86-57-32	55.0	7.360 CLOSE

Site Restricted-Effective 6-1-90; Filing window 06/01-07/05/90 \*\*CLOSED\*\*

NEW	APC	Commonwealth Comm., Corp	234A	3		37-42-37	235.7	114.0 105
Philpot		KY BPH-900706ME	94.7	100		86-58-31	55.1	9.004 CLOSE

Cut-off 01/14/91

NEW	APC	Bluegrass On The Air, In	234A	3		37-42-04	235.6	115.3 105
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Philpot		KY BPH-900705MJ	94.7	100		86-59-08	54.9	10.33 CLOSE
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Cut-off 01/14/91

NEW	APC	Ruth H. Steele	234A	3		37-41-51	235.5	115.9 105
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Philpot		KY BPH-900703MB	94.7	100		86-59-26	54.9	10.92 CLOSE
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Cut-off 01/14/91

LOUISVILLE, KY

November 10, 1991

## FM Spacing study

Title: Brent

Latitude: 38-17-30

Channel 234A0 ( 94.7 MHz)

Longitude: 85-54-19

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
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City of License	St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
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WFBQ	APC	Taft Television & Radio	234B	47	39-52-20	351.8	177.3	163
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Indianapolis	IN	861117IH	94.7	272	86-12-07	171.6	14.33	CLOSE
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L/GRTH 52W/259M-DIS 12/86-PET FOR RECON 1/87-ACCEPTED NPT

ALLOC			234B		39-53-59	352.0	180.3	163
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Indianapolis	IN		94.7		86-12-02	171.8	17.34	CLEAR
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Coordinates updated from LIC record BLH6775

WFBQ	LIC	Taft Television & Radio	234B	52	39-53-59	352.0	180.3	163
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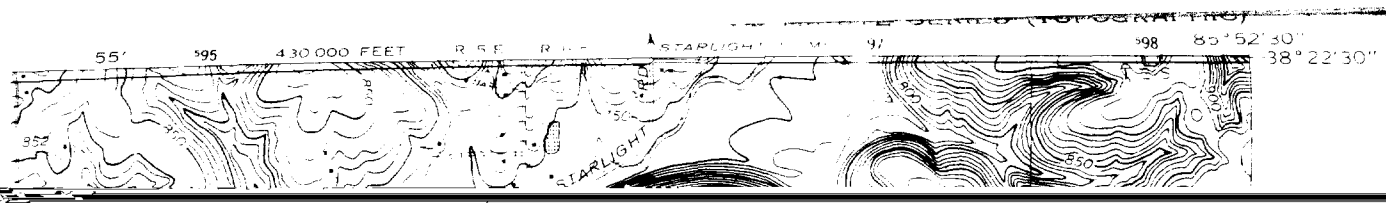
Indianapolis	IN	BLH-6775	94.7	259	86-12-02	171.8	17.34	CLEAR
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GRANDFATHERED AT 52KW @ 259M HAAT.

ALLOC			234C		36-13-15	168.1	234.8	222
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Rockville	TN	88C-84-14	94.7		85-21-47	248.4	12.80	CLOSE
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DEPARTMENT OF NATURAL RESOURCES  
INDIANAPOLIS, INDIANA

3860 IV NW  
(BORDEN) '93

7'30"

592

594

55'

595

430,000 FEET

506

PARK

ROAD

Fork

800

852

840

3701 NE  
(PALMYRA)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

86°00'  
38°22'30"

04 11 24 M  
04 11 24 M

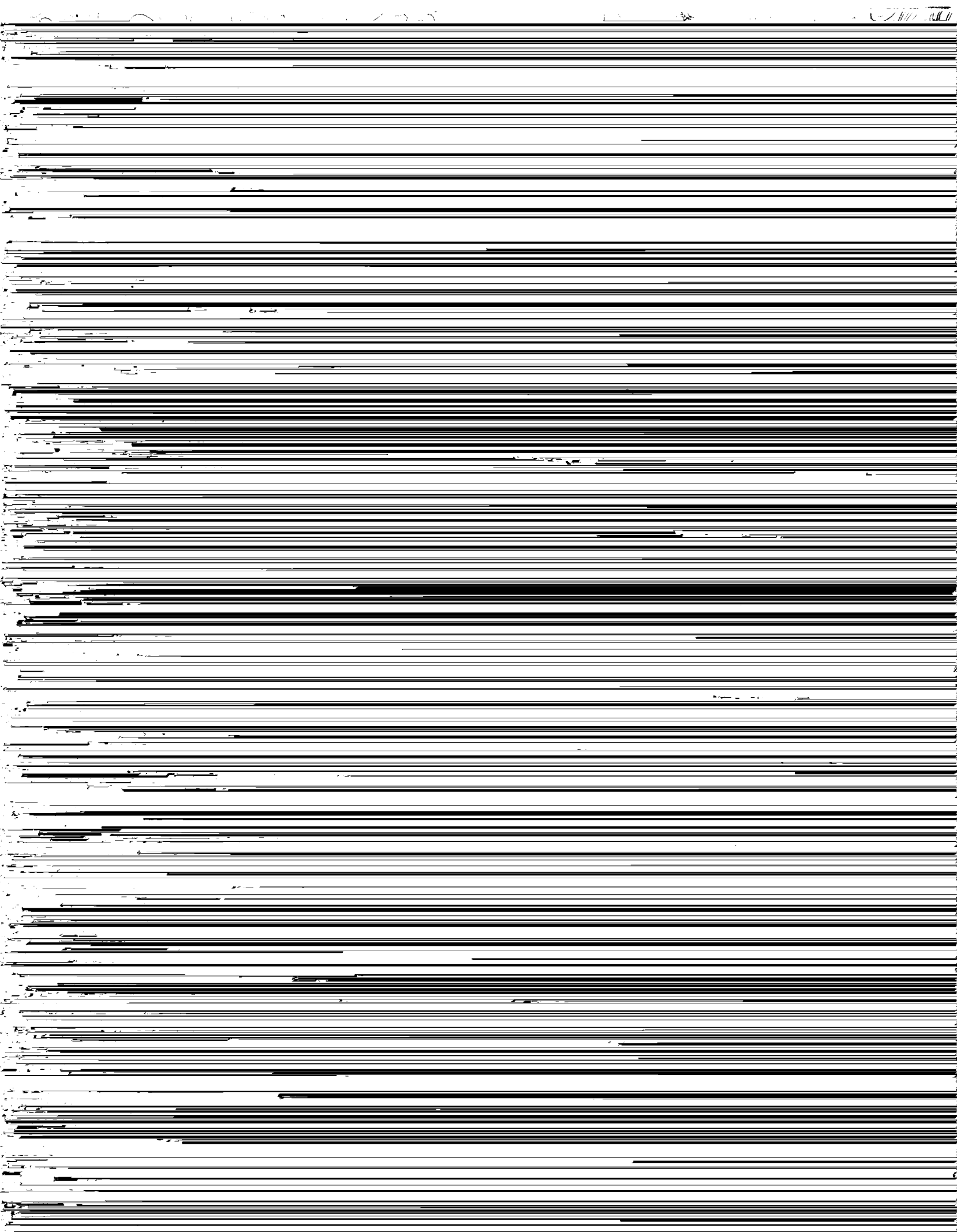
589000m E

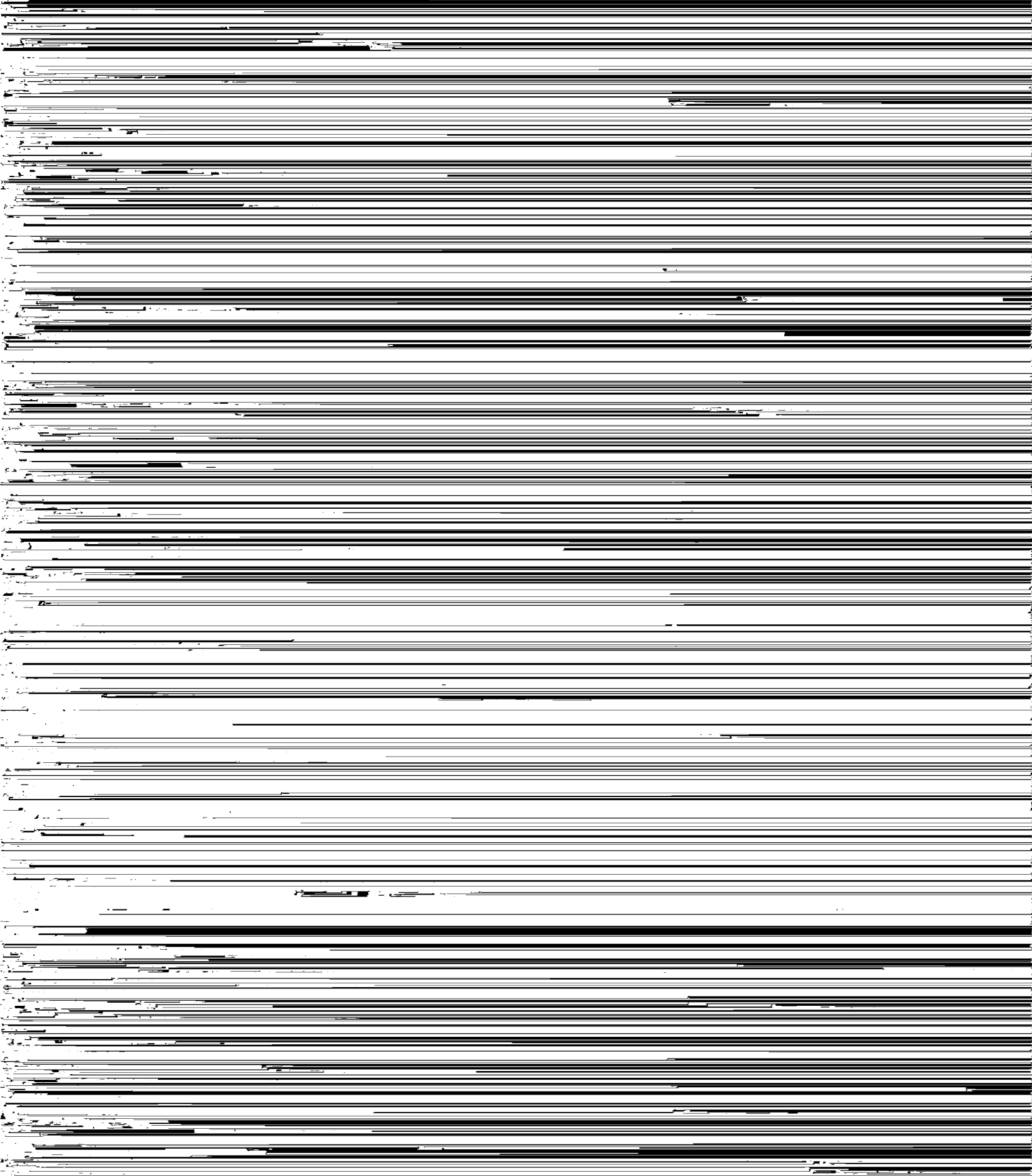
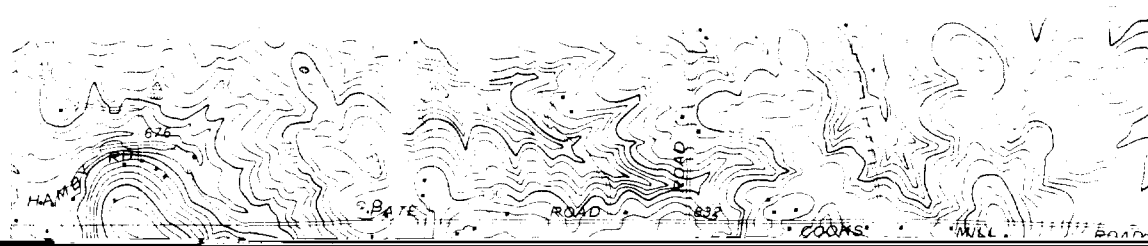
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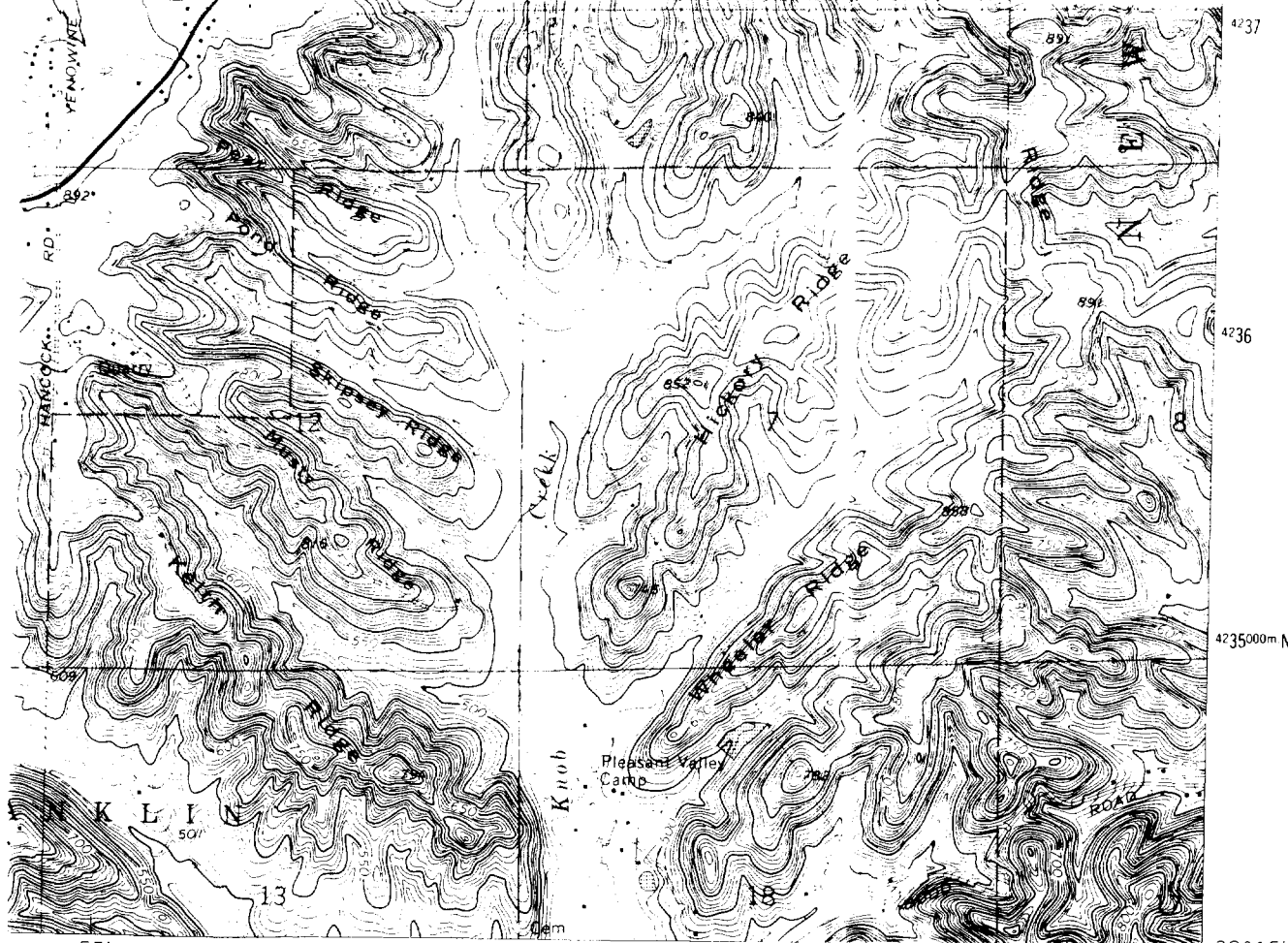
BORDEN 11 57'30"



4242  
ALBANY  
50 IV SE







1 MILE



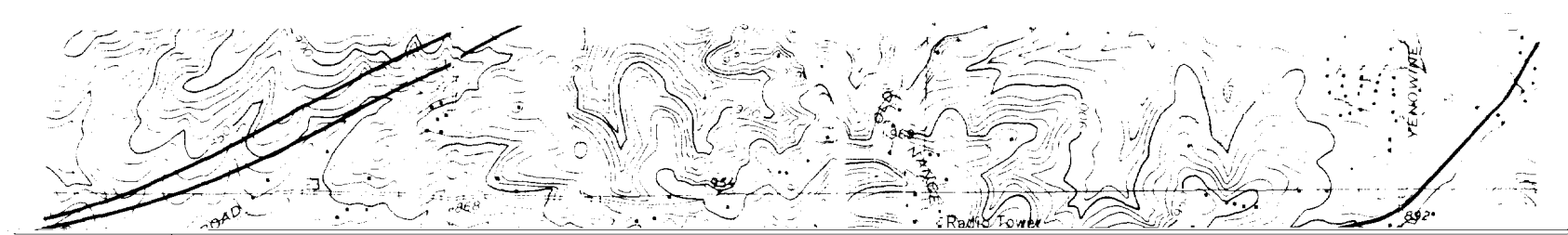
192

### ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface	
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather	
Interstate Route	U S Route	State Route

(LOUISVILLE WEST)  
3860 III NE

**GEORGETOWN, IND.**  
N3815—W8552.5/7.5  
PHOTOINSPECTED 1983  
1966  
PHOTOREVISED 1980  
DMA 3860 IV SW—SERIES V851







4236  
280 000  
FEET

